RG104 E-1 Box 137 Jan-Feb 1886

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Philadelphia, 12th January —, 1886.

Sir,

I have the honor herewith to present my monthly Report on Melting Silver for Coinage, for the month of December 1885.

These Reports exhibit the amounts of Silver fit for coinage made each day, with the apparent gain or loss in melting, and the ratio of loss to the whole amount made. Thus the whole amount made in Dec. 85, was 3 1/6 millions of Standard ounces, (over 100 tons of 2000 lbs. each), which will yield, when coined, over 1 1/2 — millions of ounces or dollars, say 1,577,000.

The figures of each daily working are reduced by some 15 or 20 calculations to standard weights, so as to make more just comparisons between the results of each day. The irregularities in the apparent gain or loss in melting, are more frequent and worse in this Report, than in that of any other month in the year, because in part of the

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large amount melted, and the jostling of some 8 heavily loaded cars in such a contracted space (my one vault) that a piece of metal falling off of a car may be ignorantly replaced on another car, thus altering our exact weighings.

The apparent loss on this enormous amount of work (3½ millions oz.) is only 658 oz., or $\frac{1}{5}$ of $\frac{1}{1000}$ of the amount melted, but as this apparent wastage omits the bars of monthly grains, the assay slips, and the general sweep of the year, there is good ground for believing that the actual wastage will hardly exceed $\frac{1}{10}$ of the apparent wastage.

The dates given represent the days of the deliveries to the Corner, from which it is to be seen that we melted on 25 days of the month (Dec.), - on 14 of which we melted over 160,000 oz. per day of 12 hours each; on 8 days about 95,000 oz. pr day of 8 hours, the remaining 3 days being employed for half day's work, say 50 000 oz., and to work up residues.

Very respectfully.

I A C Booth

M.S.R.

Hon. D. M. Fox

Superintendent.

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Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Jan 12. , 1886.

Booth.

Melter and Refiner.

Receipts
Monthly report on Melting
Silver for coinage. Dec.
1885. With
explanatory communication.

RECEIVED
JAN 12 1886
U. S. MINT, PHILA.

No. of Enclosures, 2 Sheets

NARA RG104, Entry 1, Box 137

[Abstract:] Presents monthly report on melting silver for coinage, Dec. 1885, with explanatory comments.

Mint of the United States at Philadelphia,
Melting and Refining Department,
Philadelphia,
January 12, 1886

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Very respectfully,
Jas. C. Booth
M & R

Hon. D.M. Fox
Superintendent